

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Of Michael V. Nathal; John Gayda; Ronald D. Noche
Inventor(s)for "NiAl-Based Approach to Rocket Combustion Chambers"

Title of Invention

the specification of which is being transmitted herewith, which is a continuation in part of Serial No. 10/105,110

OR

In re application of:

Serial No.: 0 /

Group No.:

Filed:

Examiner

For:

Commissioner for Patents

P.O. Box 1450

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INFORMATION DISCLOSURE STATEMENT

CERTIFICATION UNDER 37 CFR 1.8(A) AND 1.10

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37 CFR 1.8(a)

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NOTE: "Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section." 37 CFR 1.56(a).

"Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) each inventor named in the application;
- (2) each attorney or agent who prepares or prosecutes the application; and
- (3) every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application." 37 CFR 1.56(c).

NOTE: "The duty as described in § 1.56 will be met so long as the information in question was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b) - (d) and 1.98 before issuance of the patent." Notice of January 9, 1992, 1135 O.G. 13 -25 at 17.

WARNING: "No information disclosure statement may be filed in a provisional application." 37 CFR § 1.51(b).

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

*(check sections forming a part of this statement: discard unused sections
and number pages consecutively)*

1. ☐ Preliminary Statements
2. ☐ FORM PTO - 1449 (Modified)
3. ☐ Statement as to Information Not Found in Patents or Publications
4. ☐ Identification of Prior Application in Which Listed Information Was Already Cited
and for Which No Copies Are Submitted or Need Be Submitted
5. ☐ Cumulative Patents or Publications
6. ☒ Copies of Listed Information Items Accompanying This Statement
7. ☐ Concise Explanation of Non-English Language Listed Information Items
 - 7A. ☐ EPO Search Report
 - 7B. ☐ English Language Version of EPO Search Report
8. ☐ Translation(s) of Non-English Language Documents
9. ☐ Concise Explanation of English Language Listed Information Items (Optional)
10. ☐ Identification of Person(s) Making This Information Disclosure Statement

(complete the following, if appropriate)

Sections _____, respectively, have been continued on ADDED PAGE(S).

NOTE: "Once the minimum requirements are met, the examiner has an obligation to consider the information." Notice of April 20, 1992 (1138 O.G. 37-41, 37).

(Information Disclosure Statement [8-1]—page 2 of 2)

Nathal, et al

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 2 2 8 5 1 0	5/8/01	Chen et al.			
	6 2 1 8 0 2 9	4/17/01	Rickerby			
	6 1 5 3 3 1 3	11/28/00	Rigney et al.			
	5 9 7 5 8 5 2	11/2/99	Nagaraj et al.			
	5 9 6 5 2 7 4	10/12/99	Deevi et al.			
	5 9 6 0 6 3 2	10/5/99	Abuaf et al.			
	5 8 4 3 5 8 5	12/1/98	Alperine et al.			
	5 7 4 9 2 2 9	5/12/98	Abuaf et al.			
	5 7 2 5 6 9 1	3/10/98	Liu			
	5 7 0 5 2 8 0	1/6/98	Doty			
	5 6 2 6 4 6 2	5/6/97	Jackson et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

	Japanese Publication 1966JP-0067422	(with translation)
	Japanese Publication 09-157866	

EXAMINER

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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Information Disclosure Statement — Section 2. FORM PTO-1449 (Modified) [8-1] — page 1ⁿ of 2)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Nathal, et al.	
(37 CFR 1.98(b))		FILING DATE	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 5 1 6 3 8 0	5/14/96	Darolia et al.			
	5 3 4 8 4 4 6	9/20/94	Lee et al.			
	5 1 6 1 8 9 8	11/10/92	Drake			
	5 0 6 9 1 7 9	12/3/91	Kramer et al.			
	5 0 2 3 0 5 0	6/11/91	McKannan et al.			
	4 6 1 0 7 3 6	9/9/86	Barrett et al.			
	3 6 2 5 7 5 0	12/7/71	Baranow et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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